

# EAST Search History

S2	196	(US-20040091207-\$ or US-20060110089-\$ or US-20020181823-\$ or US-20040120625-\$ or US-20050141072-\$ or US-20010002942-\$ or US-20010033716-\$ or US-20020001427-\$ or US-20020021501-\$ or US-20020027230-\$ or US-20020037138-\$ or US-20020089711-\$ or US-20020176463-\$ or US-20030031412-\$ or US-20030123503-\$ or US-20030185534-\$ or US-20030198441-\$ or US-20040017979-\$ or US-20040022506-\$ or US-20040061860-\$ or US-20040151460-\$ or US-20040223695-\$ or US-20040228573-\$ or US-20040239924-\$ or US-20040264516-\$ or US-20050105842-\$).did. or (US-20050105868-\$ or US-20050191022-\$ or US-20050201671-\$ or US-20060023605-\$ or US-20060030842-\$ or US-20060093262-\$ or US-20060139948-\$ or US-20060165343-\$ or US-20060220078-\$ or US-20010055482-\$ or US-20030030902-\$ or US-20030086148-\$ or US-20030169410-\$ or US-20040162470-\$ or US-20050140644-\$ or US-20050146689-\$ or US-20050157161-\$ or US-20050168823-\$ or US-20050213068-\$ or US-20050218413-\$ or US-20060055886-\$ or US-20060077666-\$ or US-20060164601-\$).did. or (US-6236771-\$ or US-4359261-\$ or US-4422088-\$ or US-4816687-\$ or US-5185823-\$ or US-6990269-\$ or US-5296950-\$ or US-6191464-\$ or US-6674927-\$ or US-6870977-\$ or US-6950580-\$ or US-5940550-\$ or US-5335741-\$ or US-5757837-\$ or US-6215114-\$	US-PGPUB; USPAT	OR	ON	2006/10/24 14:21
10/24/2006 8:01:31 PM or US-6950580-\$ or US-5940550-\$ C:\Documents and Settings\jganderson\My Documents\EAST\Workspaces\10-525903 Optical Modulator.wsp						

## EAST Search History

S3	145	S2 and @ad<"20020830"	US-PGPUB; USPAT	OR	ON	2006/10/24 14:22
S4	3	S3 and (substrate and electro\$optic\$4 same waveguide with electrode with phase)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:12
S5	2	S3 and (stray with reject\$5)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:11
S6	84	S3 and (stray near2 light)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:11
S7	3	S3 and (stray near2 light with groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 19:25
S8	1	(substrate and electro\$optic\$4 same waveguide with electrode with phase) and (stray near2 light with groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:26
S9	1	(substrate and electro\$optic\$4 same waveguide with electrode with phase) and (stray near2 light same groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:26
S10	0	(substrate and electro\$optic\$4 same waveguide with electrode with phase) same (stray near2 light same groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:26
S11	0	(stray near2 light with groove) same electro\$optic with module	US-PGPUB; USPAT	OR	ON	2006/10/24 15:41
S12	106	(stray near2 light with groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 15:42
S13	65	S12 and @ad<"20020830"	US-PGPUB; USPAT	OR	ON	2006/10/24 15:42
S14	20	S13 and modulat\$4	US-PGPUB; USPAT	OR	ON	2006/10/24 15:43
S15	7	S14 and substrate	US-PGPUB; USPAT	OR	ON	2006/10/24 15:43
S19	944	stray adj light same refract\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:51
S20	392	stray adj light with refract\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:54
S21	237	S20 and @ad<"20020830"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:51

## EAST Search History

S22	6	S21 and electro\$optic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:53
S23	42	S21 and modulats\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:53
S24	211	stray adj light with (refract\$5 near2 index)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:54
S25	131	S24 and @ad<"20020830"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 15:54
S26	0	mach\$1zender and (stray adj light with refract\$6 near2 index)	US-PGPUB; USPAT	OR	ON	2006/10/24 16:03
S27	0	(mach\$1zender mzi) and (stray adj light with refract\$6 near2 index)	US-PGPUB; USPAT	OR	ON	2006/10/24 16:06
S28	0	(mach\$1zender mzi) and (stray adj light with groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 16:07
S29	22	modulator and (stray adj light with groove)	US-PGPUB; USPAT	OR	ON	2006/10/24 16:07
S30	9005443	S29 and@<"20020830"	US-PGPUB; USPAT	OR	ON	2006/10/24 16:08
S31	15	S29 and @ad<"20020830"	US-PGPUB; USPAT	OR	ON	2006/10/24 16:42
S32	359	refractive adj index same (stray adj light)	US-PGPUB; USPAT	OR	ON	2006/10/24 16:43
S33	218	S32 and @ad<"20020830"	US-PGPUB; USPAT	OR	ON	2006/10/24 16:43
S34	8	S33 and modulator and electrode	US-PGPUB; USPAT	OR	ON	2006/10/24 16:43
S35	3	stray near2 light near2 removing near2 layer	US-PGPUB; USPAT	OR	ON	2006/10/24 16:57

# EAST Search History

S36	196	(US-20040091207-\$ or US-20060110089-\$ or US-20020181823-\$ or US-20040120625-\$ or US-20050141072-\$ or US-20010002942-\$ or US-20010033716-\$ or US-20020001427-\$ or US-20020021501-\$ or US-20020027230-\$ or US-20020037138-\$ or US-20020089711-\$ or US-20020176463-\$ or US-20030031412-\$ or US-20030123503-\$ or US-20030185534-\$ or US-20030198441-\$ or US-20040017979-\$ or US-20040022506-\$ or US-20040061860-\$ or US-20040151460-\$ or US-20040223695-\$ or US-20040228573-\$ or US-20040239924-\$ or US-20040264516-\$ or US-20050105842-\$).did. or (US-20050105868-\$ or US-20050191022-\$ or US-20050201671-\$ or US-20060023605-\$ or US-20060030842-\$ or US-20060093262-\$ or US-20060139948-\$ or US-20060165343-\$ or US-20060220078-\$ or US-20010055482-\$ or US-20030030902-\$ or US-20030086148-\$ or US-20030169410-\$ or US-20040162470-\$ or US-20050140644-\$ or US-20050146689-\$ or US-20050157161-\$ or US-20050168823-\$ or US-20050213068-\$ or US-20050218413-\$ or US-20060055886-\$ or US-20060077666-\$ or US-20060164601-\$).did. or (US-6236771-\$ or US-4359261-\$ or US-4422088-\$ or US-4816687-\$ or US-5185823-\$ or US-6990269-\$ or US-5296950-\$ or US-6191464-\$ or US-6674927-\$ or US-6870977-\$ or US-6950580-\$ or US-5940550-\$ or US-5218984-\$ or US-5385744-\$ or US-5757837-\$ or US-6215114-\$	US-PGPUB; USPAT	OR	ON	2006/10/24 19:26
10/24/2006 8:01:31 PM or US-6950580-\$ or US-5940550-\$ C:\Documents and Settings\lganderson\My Documents\5461\Workspaces\10-525903 Optical Modulator.wsp						

## EAST Search History

S37	21	S36 and ghz	US-PGPUB; USPAT	OR	ON	2006/10/24 19:26
S38	1144	S37 and MZI mzm mach\$zender	US-PGPUB; USPAT	OR	ON	2006/10/24 19:27
S39	3	S37 and (MZI mzm mach\$zender)	US-PGPUB; USPAT	OR	ON	2006/10/24 19:27

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20060110089"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/24 12:37